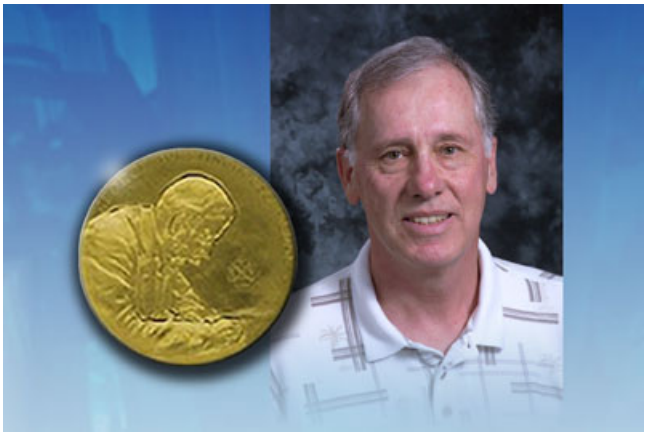

Edwin (Ed) Harvego, P.E., received a lifetime achievement award from the American Society of Mechanical Engineers.

INL nuclear project manager wins lifetime achievement award

by Teri Ehresman, *INL Communications*

An Idaho National Laboratory project manager in the Nuclear Science and Engineering Directorate has received a lifetime achievement award from the American Society of Mechanical Engineers.

Edwin (Ed) Harvego, P.E., received the award at the recent 2008 International Mechanical Engineering Congress and Exposition in Boston.

Harvego was recognized with the George Westinghouse Gold Medal for the advancement of nuclear power through research and contributions to the design and development of current and future nuclear power plants.

The award was established to recognize eminent achievement or distinguished service in the power field of mechanical engineering. The Westinghouse Educational Foundation established the Gold Medal in 1952 to perpetuate the value of the rich contribution to power development made by George Westinghouse, honorary member and 29th president of the Society. One of the early recipients of the award was Admiral Hyman Rickover.

Harvego has worked at INL for more than 30 years in a variety of technical and managerial positions. Among his major research activities at INL, Harvego, in his role as a technical supervisor, supported the design and analyses of thermal-hydraulic experiments for the U.S. Nuclear Regulatory Commission (NRC) in the Semiscale test facility; as branch manager, he was responsible for planning and analysis of experiments performed in the 50 MW LOFT (Loss-of-Fluid Test) facility reactor under the auspices of an international consortium of nine collaborating countries.

Harvego has also been active in software development and validation for nuclear power applications, including serving as technical leader of the group responsible for the development and maintenance of NRC codes used for severe accident and fuel behavior analyses.

Prior to joining INL, Harvego worked at General Atomics, San Diego, supporting the design and analysis of advanced high-temperature gas reactors. His areas of expertise include light-water nuclear reactor safety, experimental testing programs, advanced reactor design and analysis, space nuclear power and propulsion, and nuclear-driven hydrogen production technologies.

Harvego has authored numerous technical publications and has been active in professional society committees and programs. An ASME Fellow, Harvego has served the society by:
• Serving on the ASME Energy Committee since 1998
• Being the Society's representative on the United States Energy Association, the U.S. Member Committee of the World Energy Council, from 1998 through 2007
• Being a member of the ASME Board on Public Awareness
• Chairing of the board's Committee on Strategic Communications since 2005
• Serving as program evaluator for the Accreditation Board for Engineering and Technology since 2004
• Chairing ASME's Nuclear Engineering Division (1992-93),
• Serving as vice president and chair of the ASME Energy Conversion Group (1998-2001)
• Serving as vice chair of the ASME Fellow Review Committee (2002-06).

He received the society's Dedicated Service Award in 2004.

Harvego earned his bachelor's and master's degrees in mechanical engineering at the University of California, Berkeley. He is a registered professional engineer in California and Idaho.

Feature Archive